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Homeria or Iris or Moraea)

iridaceae

100

L1

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L24: Entry 33 of 48

File: DWPI

Nov 25, 1997

DERWENT-ACC-NO: 1998-059104

DERWENT-WEEK: 199806

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TITLE: Belamcanda chinensis L. extracts, testosterone 5
alpha-reductase inhibitor - used to treat pimples and as hair
cosmetic

PATENT-ASSIGNEE:

ASSIGNEE

ICHIMARU PHARCOS INC

CODE

ICHP

PRIORITY-DATA: 1996JP-0146823 (May 15, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 09301884 A	November 25, 1997		012	A61K035/78

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP09301884A	May 15, 1996	1996JP-0146823	

INT-CL (IPC): A61K 7/00; A61K 7/06; A61K 31/19; A61K 35/78;
C12N 9/99; A61K 31/19; A61K 35/78

ABSTRACTED-PUB-NO: JP09301884A

BASIC-ABSTRACT:

Testosterone 5 alpha -reductase inhibitor comprises i) extracts
of Belamcanda chinensis L. with solvent(s) selected from water,
lower alcohol and polyol organic solvent and ii) alpha -hydroxy
acid or its salts.

USE - The composition is used for the prevention and treatment
of pimples, or used for hair cosmetic.

ADVANTAGE - Testosterone 5 alpha -reductase inhibitor is safe,
and its solubility and prolonged activity are improved by
addition of alpha -hydroxy acid or its salts.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: CHINENSIS EXTRACT TESTOSTERONE ALPHA REDUCTASE
INHIBIT TREAT PIMPLE HAIR COSMETIC

DERWENT-CLASS: B04 B05 D21

CPI-CODES: B04-A10; B14-D05D; D08-B09; D08-B09A;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M431 M782 M903 P616 P930 P943 V0 V400 V406
V811

Chemical Indexing M2 *02*

Fragmentation Code

H4 H401 H481 H8 J0 J013 J1 J173 M280 M313
M321 M332 M344 M349 M381 M391 M416 M431 M620 M782
M903 M904 M910 P616 P930 P943 Q254 V811

Specific Compounds

00419M

Registry Numbers

0419U

Chemical Indexing M2 *03*

Fragmentation Code

H4 H401 H481 H8 J0 J011 J1 J171 M280 M311
M321 M342 M349 M381 M391 M416 M431 M620 M782 M903
M904 M910 P616 P930 P943 Q254 V811

Specific Compounds

00448M

Registry Numbers

0448U

Chemical Indexing M2 *04*

Fragmentation Code

H4 H401 H481 H8 J0 J011 J1 J171 M280 M312
M321 M331 M340 M342 M349 M381 M391 M416 M431 M620
M782 M903 M904 M910 P616 P930 P943 Q254 V811

Specific Compounds

00009M

Registry Numbers

0009U

Chemical Indexing M2 *05*

Fragmentation Code

H7 H721 J0 J012 J1 J172 M280 M312 M321 M332
M342 M382 M391 M416 M431 M782 M903 M904 M910 P616
P930 P943 Q254 V811

Specific Compounds

00901M

Registry Numbers

0901U

Chemical Indexing M2 *06*

Fragmentation Code

H4 H402 H482 H8 J0 J012 J1 J172 M280 M312
M321 M332 M344 M349 M381 M391 M416 M431 M620 M782
M903 M904 M910 P616 P930 P943 Q254 V811

Specific Compounds

00540M

Registry Numbers

0540U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0009U; 0419U; 0448U; 0540U; 0901U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-020388

WEST

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L24: Entry 33 of 48

File: DWPI

Nov 25, 1997

DERWENT-ACC-NO: 1998-059104

DERWENT-WEEK: 199806

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TITLE: Belamcanda chinensis L. extracts, testosterone 5
alpha-reductase inhibitor - used to treat pimples and as hair
cosmetic

PATENT-ASSIGNEE:

ASSIGNEE

CODE

ICHIMARU PHARCOS INC

ICHP

PRIORITY-DATA: 1996JP-0146823 (May 15, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 09301884 A	November 25, 1997		012	A61K035/78

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP09301884A	May 15, 1996	1996JP-0146823	

INT-CL (IPC): A61K 7/00; A61K 7/06; A61K 31/19; A61K 35/78;
C12N 9/99; A61K 31/19; A61K 35/78

ABSTRACTED-PUB-NO: JP09301884A

BASIC-ABSTRACT:

Testosterone 5 alpha -reductase inhibitor comprises i) extracts
of Belamcanda chinensis L. with solvent(s) selected from water,
lower alcohol and polyol organic solvent and ii) alpha -hydroxy
acid or its salts.

USE - The composition is used for the prevention and treatment
of pimples, or used for hair cosmetic.

ADVANTAGE - Testosterone 5 alpha -reductase inhibitor is safe,
and its solubility and prolonged activity are improved by
addition of alpha -hydroxy acid or its salts.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: CHINENSIS EXTRACT TESTOSTERONE ALPHA REDUCTASE
INHIBIT TREAT PIMPLE HAIR COSMETIC

DERWENT-CLASS: B04 B05 D21

CPI-CODES: B04-A10; B14-D05D; D08-B09; D08-B09A;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M431 M782 M903 P616 P930 P943 V0 V400 V406
V811

Chemical Indexing M2 *02*

Fragmentation Code

H4 H401 H481 H8 J0 J013 J1 J173 M280 M313
M321 M332 M344 M349 M381 M391 M416 M431 M620 M782
M903 M904 M910 P616 P930 P943 Q254 V811

Specific Compounds

00419M

Registry Numbers

0419U

Chemical Indexing M2 *03*

Fragmentation Code

H4 H401 H481 H8 J0 J011 J1 J171 M280 M311
M321 M342 M349 M381 M391 M416 M431 M620 M782 M903
M904 M910 P616 P930 P943 Q254 V811

Specific Compounds

00448M

Registry Numbers

0448U

Chemical Indexing M2 *04*

Fragmentation Code

H4 H401 H481 H8 J0 J011 J1 J171 M280 M312
M321 M331 M340 M342 M349 M381 M391 M416 M431 M620
M782 M903 M904 M910 P616 P930 P943 Q254 V811

Specific Compounds

00009M

Registry Numbers

0009U

Chemical Indexing M2 *05*

Fragmentation Code

H7 H721 J0 J012 J1 J172 M280 M312 M321 M332
M342 M382 M391 M416 M431 M782 M903 M904 M910 P616
P930 P943 Q254 V811

Specific Compounds

00901M

Registry Numbers

0901U

Chemical Indexing M2 *06*

Fragmentation Code

H4 H402 H482 H8 J0 J012 J1 J172 M280 M312
M321 M332 M344 M349 M381 M391 M416 M431 M620 M782
M903 M904 M910 P616 P930 P943 Q254 V811

Specific Compounds

00540M

Registry Numbers

0540U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0009U; 0419U ; 0448U ; 0540U ; 0901U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-020388

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Belamcanda chinensis

Common name:	Leopard lily	Family:	Iridaceae
Author:	(L.) DC.	Botanical references:	58, 200
Synonyms:	Ixia chinensis (L.), Iris chinensis, Gemmingia chinensis ((L.)Kuntze.)		
Known Hazards:	The plant is slightly toxic[147].		
Range:	E. Asia - China, Japan, Himalayas.		
Habitat:	Shrubberies and banks at the edge of cultivation in rich damp soils in the Himalayas[51, 147].		

Other Posible Synonyms:	From various places across the web, may not be correct. See below .
	B. punctata[G,H] Moraea chinensis[H] Pardanthus chinensis[H]
Other Common Names:	From various places around the Web, may not be correct. See below .
	Blackberry Lily [H,P], Blackberry-lily [B], Hi-Ogi [E], Leopard Flower [H], Leopard Lily [H], Pokok Kipas [E], Semprit [E], She Kan [E], She-gan [H], Suliga [E],
Other Range Info:	From the Ethnobotany Database
	Batavia; China; Nepal; Perak; Sumatra

Physical Characteristics

Perennial growing to 1m by 0.25m . It is hardy to zone 8. It is in flower from August to October, and the seeds ripen from September to November. The flowers are hermaphrodite (have both male and female organs). We rate it 1 out of 5 for usefulness.

The plant prefers light (sandy) and medium (loamy) soils and requires well-drained soil. The plant prefers acid, neutral and basic (alkaline) soils. It can grow in semi-shade (light woodland) or no shade. It requires moist soil.

Habitats and Possible Locations

Woodland, Sunny Edge, Dappled Shade.

Edible Uses

Leaves.

Leaves - cooked[105, 177]. Caution is advised, see the notes above on toxicity.

Medicinal Uses

Disclaimer

Analgesic; Antibacterial; Antidote; Antifungal; Antiinflammatory; Depurative; Expectorant; Febrifuge; Hepatic; Pectoral; Purgative; Stomachic; Tonic.

The leopard lily has a very long history of use in traditional Chinese medicine. It is a bitter cooling herb that acts mainly on the lungs and the liver, lowering fevers and reducing inflammation[238]. It is effective against a number of bacterial, fungal and viral organisms[238] and has also been used as an antidote to snakebites[240].

The root is analgesic, antibacterial, antifungal, anti-inflammatory, depurative, expectorant, febrifuge, pectoral, purgative, stomachic and tonic[46, 61, 147, 176, 178, 218, 238]. It is used in the treatment of acute laryngitis, acute tonsillitis, oedema of the glottis and cough with profuse sputum[176]. It should not be prescribed for pregnant women[238]. The root is harvested in the summer and autumn, and dried for later use[238].

Other Uses

None known

Cultivation details

Requires a fairly rich sandy or loamy soil in a bright sunny position or light shade. Succeeds in most soils[187]. Requires a position that stays moist in the summer[187]. Plants grow best in areas with long hot summers[238].

A fairly hardy plant, tolerating temperatures down to about -15°C[187] if given a deep dry mulch over the winter.

A short lived plant, the bulbs are usually lifted in the autumn and stored in a cool but frost-free place over the winter, replanting them in the spring[233]. They can be left in the ground in the milder areas of the country so long as the soil is well-drained[233].

Individual flowers only live for one day, but the plant produces a succession of blooms over a period of several weeks[238].

Slugs really love this plant and can destroy even quite large clumps as they come into growth in the spring[K].

Propagation

Seed - best sown as soon as it is ripe in a cold frame. Pre-chill stored seed for 7 days and sow spring in a cold frame. The seed germinates in 2 - 8 weeks at 20°C[134]. Prick out the seedlings into individual pots

as soon as they are large enough to handle. They can be planted out in early autumn and should flower in the following year[200].

Division in spring or early autumn[200]. Larger divisions can be planted straight into their permanent positions whilst smaller clumps are best potted up and kept in a cold frame until they are growing away well.

Web References

- [H] Details of Scandanavian and European Common names in [Henriette's names database](#)
- [E] Ethnobotany Data (common names, uses, countries) from the [Ethnobotany Database](#) (sadly ftp only. The searchable web pages have been pulled).
- [B] [Data](#) (Latin & Common names, other references) from the BONAP's [Synonymized Checklist of the Vascular Flora of the United States, Puerto Rico, and the Virgin Islands](#).
- [G] [Data](#) (Common Names, Uses, Distribution) from the USDA/ARS NPGS's [GRIN](#) taxonomic database.
- [P] [Data](#). (uses, distribution, wetland) from the [UDSA's plants database](#).
- [HP] [Links, Photos, Suppliers](#) from [Hortiplex](#) Plant Database

References for *Ixia chinensis* (a possible synonym).

- [H] Details of Scandanavian and European Common names in [Henriette's names database](#)

See the [PFAF Links Pages](#) for other sources or the [The Gatherer](#) where you can search many other sources all in one go.

References

[K] **Ken Fern**

Notes from observations, tasting etc at Plants For A Future and on field trips.

[46] **Uphof. J. C. Th.** *Dictionary of Economic Plants*. Weinheim 1959

An excellent and very comprehensive guide but it only gives very short descriptions of the uses without any details of how to utilize the plants. Not for the casual reader.

[51] **Polunin. O. and Stainton. A.** *Flowers of the Himalayas*. Oxford Universtiy Press 1984

A very readable and good pocket guide (if you have a very large pocket!) to many of the wild plants in the Himalayas. Gives many examples of plant uses.

[58] **Ohwi. G.** *Flora of Japan. (English translation)* Smithsonian Institution 1965

The standard work. Brilliant, but not for the casual reader.

[61] **Usher. G.** *A Dictionary of Plants Used by Man*. Constable 1974 ISBN 0094579202

Forget the sexist title, this is one of the best books on the subject. Lists a very extensive range of useful plants from around the world with very brief details of the uses. Not for the casual reader.

[105] **Tanaka. T.** *Tanaka's Cyclopaedia of Edible Plants of the World*. Keigaku Publishing 1976

The most comprehensive guide to edible plants I've come across. Only the briefest entry for each species, though, and some of the entries are more than a little dubious. Not for the casual reader.

[134] **Rice. G. (Editor)** *Growing from Seed. Volume 2*. Thompson and Morgan. 1988

Very readable magazine with lots of information on propagation. An interesting article on *Ensete ventricosum*.

[147] ? *A Barefoot Doctors Manual*. Running Press ISBN 0-914294-92-X

A very readable herbal from China, combining some modern methods with traditional chinese methods.

[176] **Yeung. Him-Che.** *Handbook of Chinese Herbs and Formulas*. Institute of Chinese Medicine, Los Angeles 1985

A very good Chinese herbal.

[177] **Kunkel. G.** *Plants for Human Consumption*. Koeltz Scientific Books 1984 ISBN 3874292169

An excellent book for the dedicated. A comprehensive listing of latin names with a brief list of edible parts.

[178] **Stuart. Rev. G. A.** *Chinese Materia Medica*. Taipei. Southern Materials Centre

A translation of an ancient Chinese herbal. Fascinating.

[187] **Phillips. R. & Rix. M.** *Perennials Volumes 1 and 2*. Pan Books 1991 ISBN 0-330-30936-9

Photographs of over 3,000 species and cultivars of ornamental plants together with brief cultivation notes, details of habitat etc.

[200] **Huxley. A.** *The New RHS Dictionary of Gardening. 1992*. MacMillan Press 1992 ISBN 0-333-47494-5

Excellent and very comprehensive, though it contains a number of silly mistakes. Readable yet also very detailed.

[218] **Duke. J. A. and Ayensu. E. S.** *Medicinal Plants of China* Reference Publications, Inc. 1985 ISBN 0-917256-20-4

Details of over 1,200 medicinal plants of China and brief details of their uses. Often includes an analysis, or at least a list of constituents. Heavy going if you are not into the subject.

[233] **Thomas. G. S.** *Perennial Garden Plants* J. M. Dent & Sons, London. 1990 ISBN 0 460 86048 8

A concise guide to a wide range of perennials. Lots of cultivation guides, very little on plant uses.

[238] **Bown. D.** *Encyclopaedia of Herbs and their Uses*. Dorling Kindersley, London. 1995 ISBN 0-7513-020-31

A very well presented and informative book on herbs from around the globe. Plenty in it for both the casual reader and the serious student. Just one main quibble is the silly way of having two separate entries for each plant.

[240] **Chopra. R. N., Nayar. S. L. and Chopra. I. C.** *Glossary of Indian Medicinal Plants (Including the Supplement)*. Council of Scientific and Industrial Research, New Delhi. 1986

Very terse details of medicinal uses of plants with a wide range of references and details of research into the plants chemistry. Not for the casual reader.



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Website: www.pfaf.org

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This page http://www.ibiblio.org/pfaf/cgi-bin/arr_html?Belamcanda+chinensis (US)



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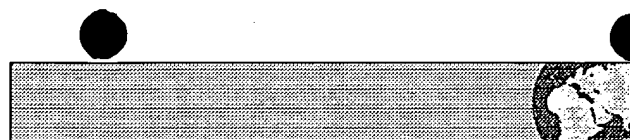
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The American Heritage® Dictionary of the English
Language: Fourth Edition. 2000.

climacteric

SYLLABICATION: cli·mac·ter·ic

PRONUNCIATION: < klɪˈmæktərɪk, klɪˈmækt-ərɪk

NOUN: **1a.** A period of life characterized by physiological and psychic change that marks the end of the reproductive capacity of women and terminates with the completion of menopause. **b.** A corresponding period sometimes occurring in men that may be marked by a reduction in sexual activity, although fertility is retained. **2.** A critical period or year in a person's life when major changes in health or fortune are thought to take place. **3.** A critical stage, period, or year: *"before the end of the millennium, whether [he] lives to see that ecclesiastical climacteric or not"* (Conor Cruise O'Brien).

ADJECTIVE: **1.** Of or relating to a climacteric. **2.** Critical; crucial.

ETYMOLOGY: From Latin *climactericus*, of a dangerous period in life, from Greek *klimakterikos*, from *klimakter*, dangerous point, rung of a ladder, from *klamax*, ladder. See *climax*.

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Merriam-Webster's COLLEGIATE[®] DICTIONARY




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One entry found for **estrogen**.

Main Entry: **es·tro·gen** 

Pronunciation: 'es-tr&-j&n

Function: *noun*

Etymology: New Latin *estrus* +

International Scientific Vocabulary -o- +
-gen

Date: 1927

: any of various natural steroids (as estradiol) that are formed from androgen precursors, that are secreted chiefly by the ovaries, placenta, adipose tissue, and testes, and that stimulate the development of female secondary sex characteristics and promote the growth and maintenance of the female reproductive system; *also* : any of various synthetic or semisynthetic steroids (as ethinyl estradiol) that mimic the physiological effect of natural estrogens

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Pronunciation Symbols

\&\ as a and u in abut	\e\ as e in bet \E\ as ea in easy	\o\ as aw in law \oi\ as oy in boy \th\ as th in thin
\&\ as e in kitten	\g\ as g in go	\(th)\ as th in the
\&r\ as ur/er in further	\i\ as i in hit	\u\ as oo in loot
\a\ as a in ash	\I\ as i in ice	\u\ as oo in foot
\A\ as a in ace	\j\ as j in job	\y\ as y in yet
\ä\ as o in mop	\(ng)\ as ng in sing	\zh\ as si in vision
\au\ as ou in out	\O\ as o in go	
\ch\ as ch in chin		

For more information see the [Guide To
Pronunciation](#).

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estrogen [es'trɔːjɪn] (pc | mac)

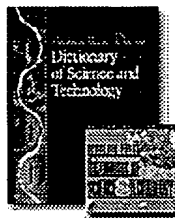
Endocrinology. any of a family of steroid hormones that regulate and sustain female sexual development and reproductive function. Also, **estrogenic hormone**.

Previous Words

[estradiol-17 \$\alpha\$](#) , [estradiol-17 \$\beta\$](#) , [estragole](#), [estrane](#), [estriol](#)

Next Words

[estromedins](#), [estrone](#), [estrous cycle](#), [estrus](#), [estuarine](#)



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